

CONTROL SYSTEMS AND METHODS OF DISPENSING ITEMS

ABSTRACT OF THE DISCLOSURE

A control system for regulating a dispenser that includes a feeder bowl and a plurality of dispensing paths is disclosed. The control system includes a control unit for controlling a rotation drive for rotating the dispensing paths, a feeder bowl vibration device for vibrating the feeder bowl, and at least one dispensing path vibration device for vibrating the dispensing paths, such that the feeder bowl receives a plurality of items and supply the items uniformly to each of the dispensing paths, and the dispensing paths dispense the items singularly.